

SWBAT

use and calculate speed

Sep 4-7:31 AM

Welcome!!!

SECA CP Physics
Wednesday 28 October 2015



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Room C-244

Centering
(bears)

- SchoolView up
- Vocabulary Cards
- Moving Man
- Pg 29 Notes + card

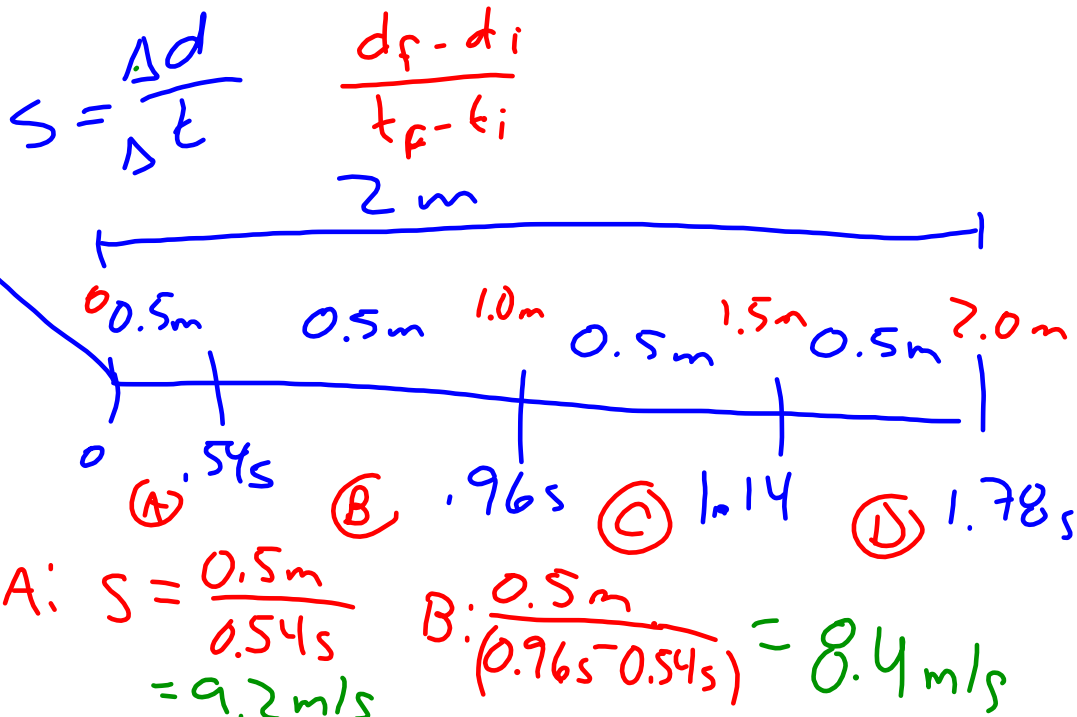
- Presentations?

Opening Activity:

Compare your list of s, d, t to someone
else's for #12-14

Sep 7-7:04 AM

Example of finding speed on project



Oct 28-10:19 AM

InterActive Notebook - Table of Contents

Unit _____	Chapters _____	Date _____	
Left-Side Items	Page	Right-Side Items	Page
REFLECTION ON NOTES	2	TED ED ADAM SAVAGE	3
HOW FAR FROM BRIDGE	4	"FORT STUEBEN"	5
REFLECTION ON NOTES	6	HMWK: BASE UNITS	7
PR: DISTANCE & DISPLACEMENT	8	HMWK: FP DISPLACEMENT	9
DIAGRAM & STEPS	10	TIMING & ERROR	11
SUMMARY OF TIMING	12	How to BUILD a TABLE	13
PR: CONVERTING SOLNS.	14	HMWK: FP CONVERSIONS ^{0-6:30}	15
PR: VELOCITY & SPEED	16	HMWK: FP SPEED & VELOCITY	17
SPEED WORD PROBLEMS	18	ALGEBRA FOR PHYSICS	19
LAB JOURNAL 10/7	20	LAB JOURNAL 10/8	21
..		HMWK: FP GRAPHS POSITION	23
LAB JOURNAL 10/12	24	EXPERIMENT RUBRIC	25
26	USE FOR PROJECT		27
OBSERVATIONS OF ORF	28	FP: INTRO TO ACC.	29

Sep 5-9:09 AM

Working in groups on a problem from 12-14

Pg 19: Algebra for Physics!

1. Drawing a picture is recommended
2. always make a list of what you know and want to know.
3. always write down the equation you are going to use as letters/symbols
4. Put in the things you know including units and then solve
5. Check if the answer is reasonable

PG 18: #12-14

$$S = \frac{d}{t}$$

EXAMPLE: MY CAR AVERAGED $53 \frac{\text{mi}}{\text{hr}}$
 I DROVE 492 mi. How LONG DID IT TAKE ME?

$$\begin{aligned} S &= 53 \frac{\text{mi}}{\text{hr}} \\ d &= 492 \text{ mi} \\ t &= ? \end{aligned}$$

$$S = \frac{d}{t}$$

$$t \cdot 53 \frac{\text{mi}}{\text{hr}} = \frac{492 \text{ mi}}{t}$$

$$\frac{53 \frac{\text{mi}}{\text{hr}} \cdot t}{53 \frac{\text{mi}}{\text{hr}}} = \frac{492 \text{ mi}}{53 \frac{\text{mi}}{\text{hr}}}$$

$$t = 9.3 \text{ hr}$$

#12?

S =

$$d = 155 \text{ miles}$$

$$t = 30 \text{ min} = .5 \text{ hr}$$

Oct 22-9:20 AM